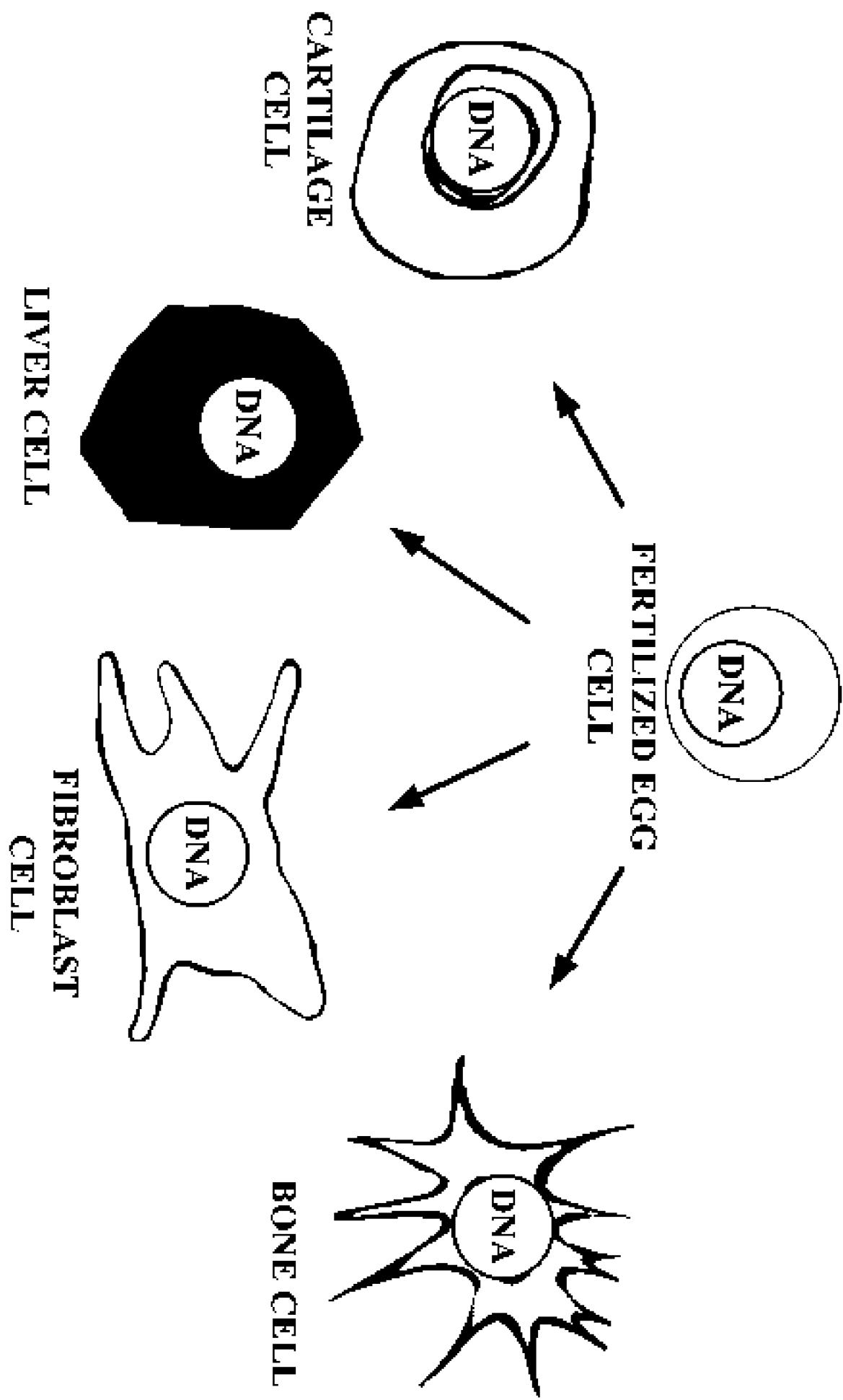


FIG. 1



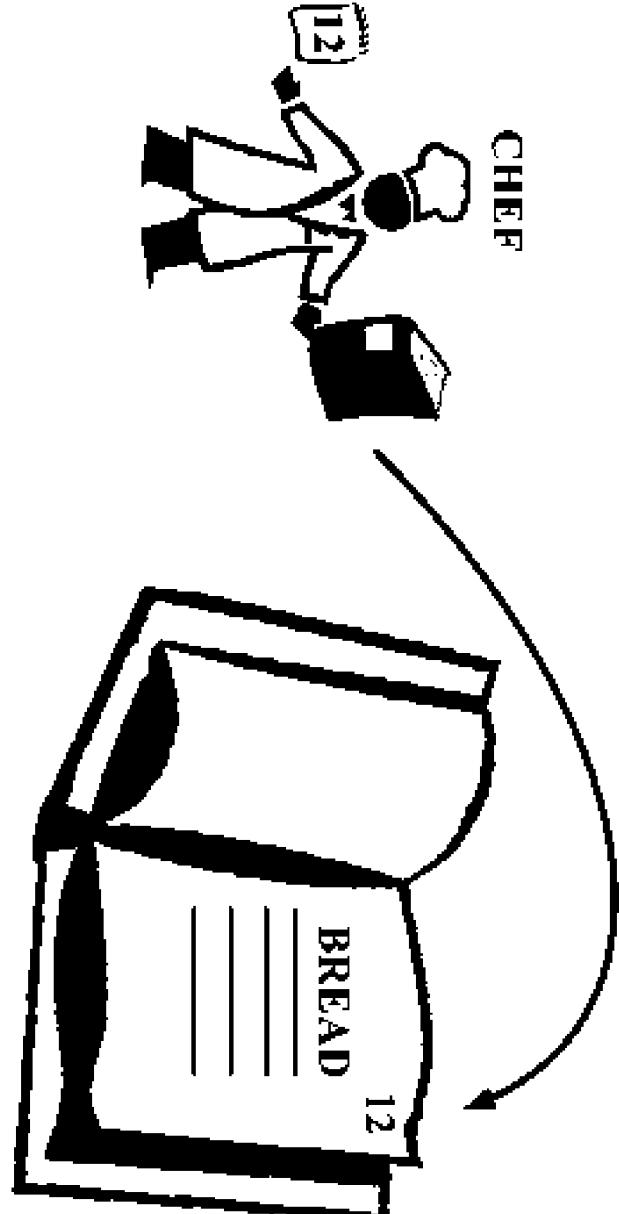


FIG. 2A



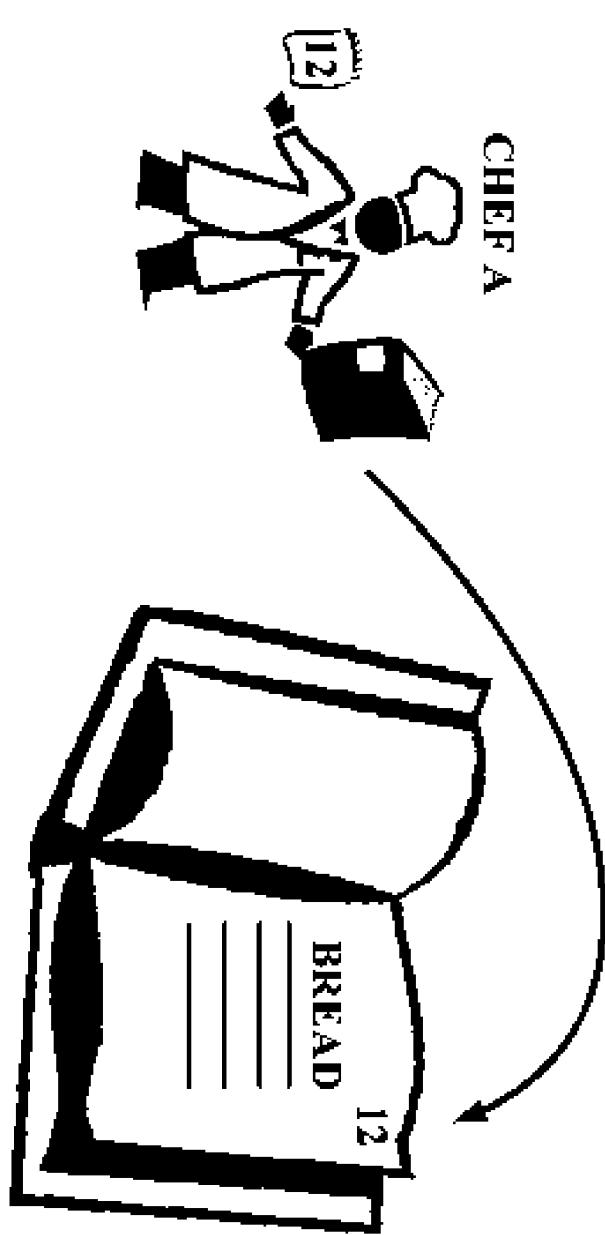
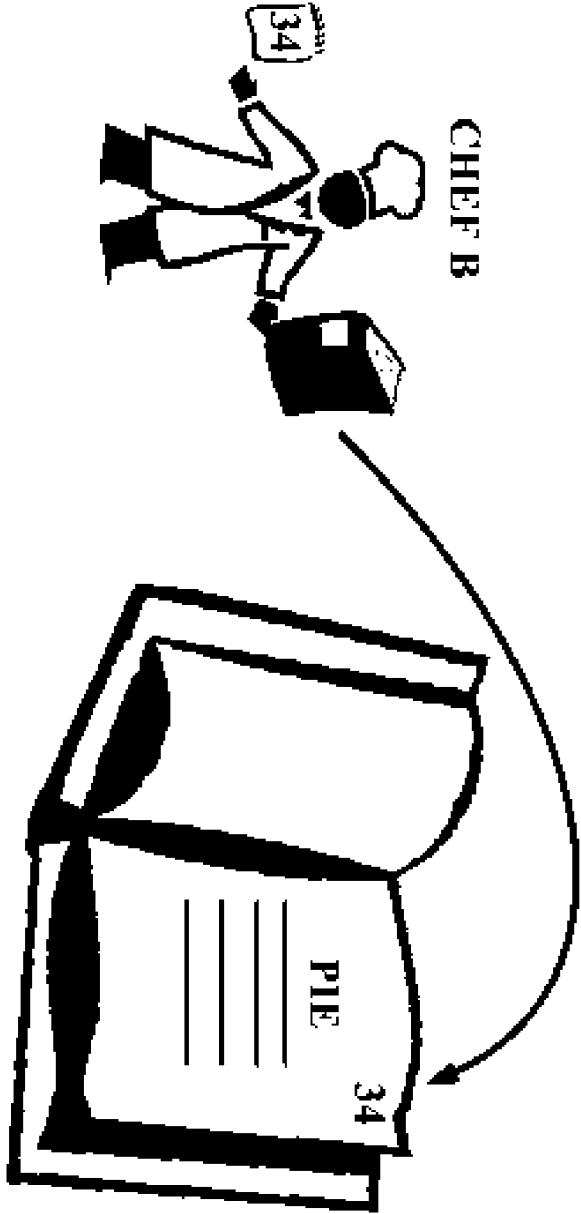


FIG. 2B

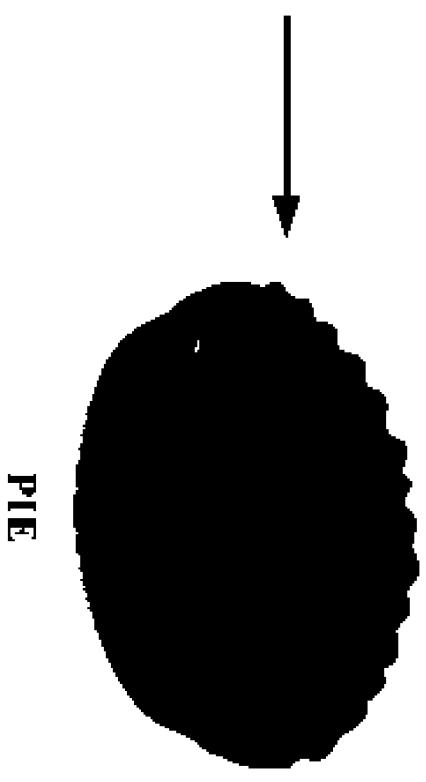


FIG. 3

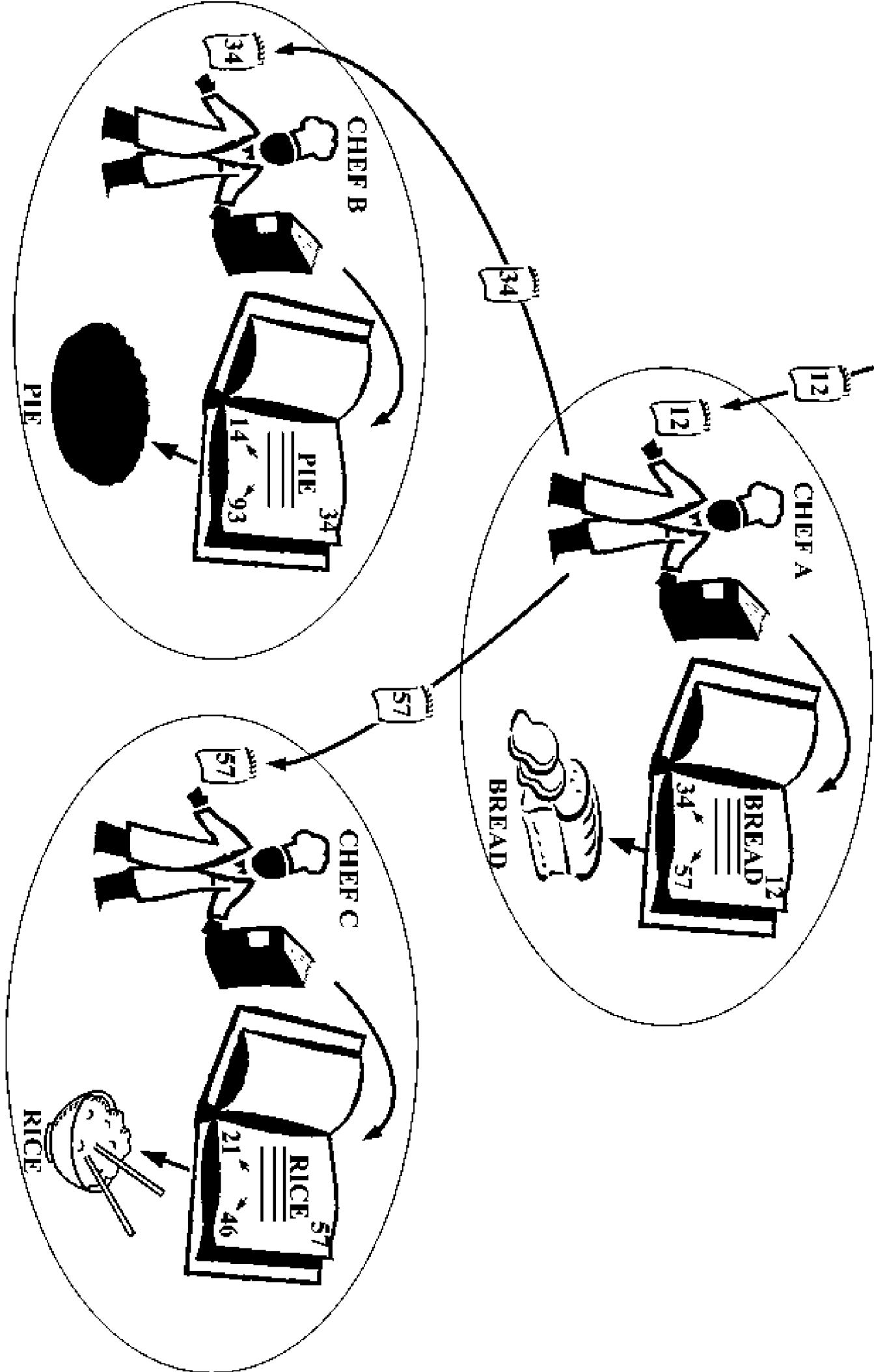


FIG. 4

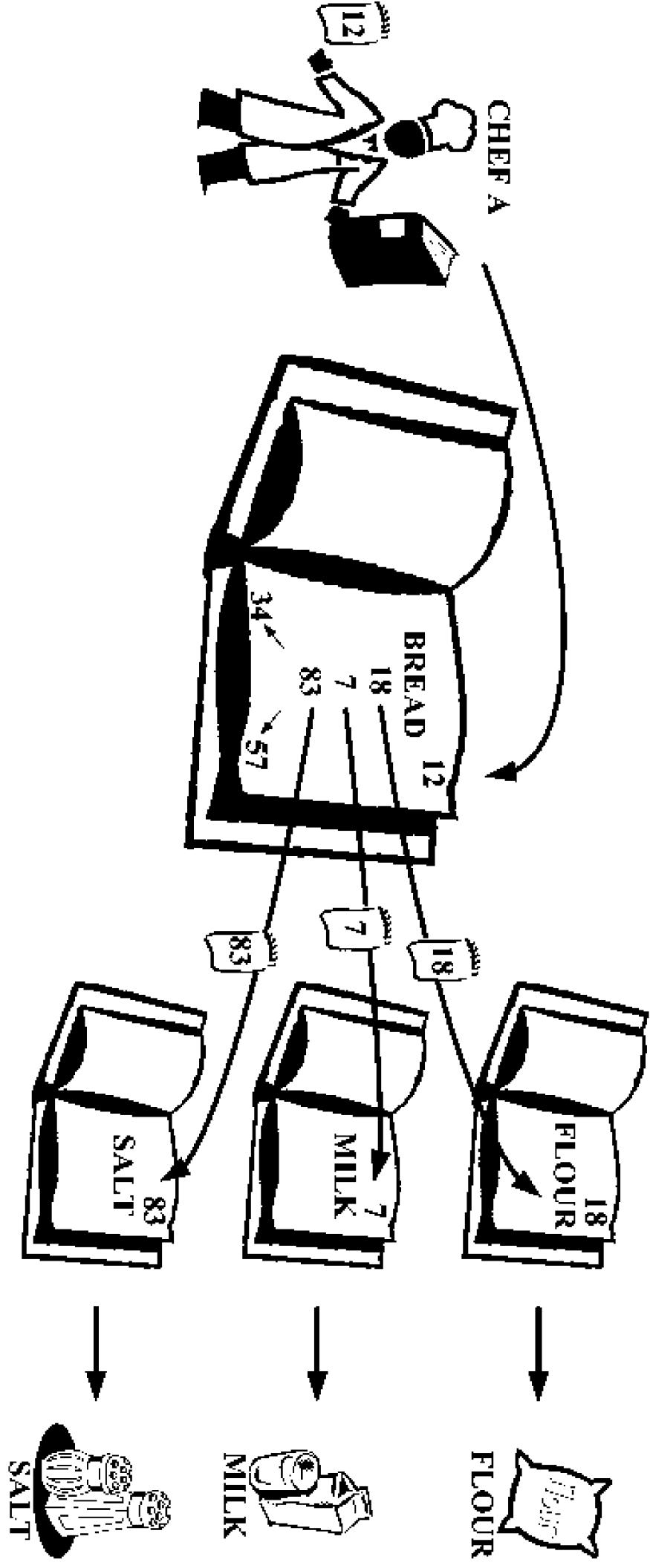


FIG. 5A

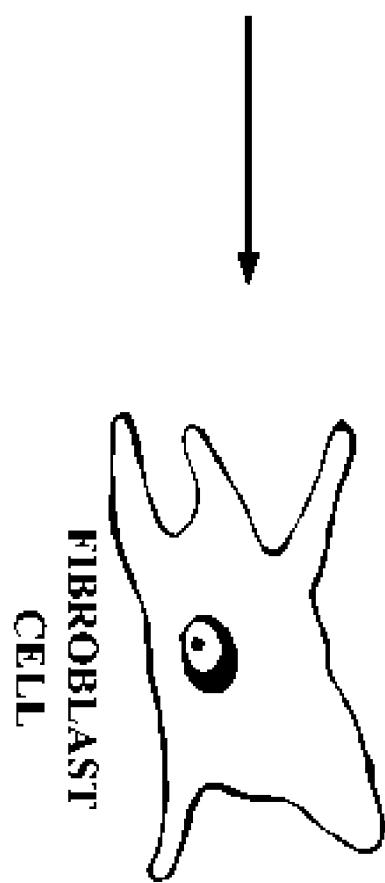
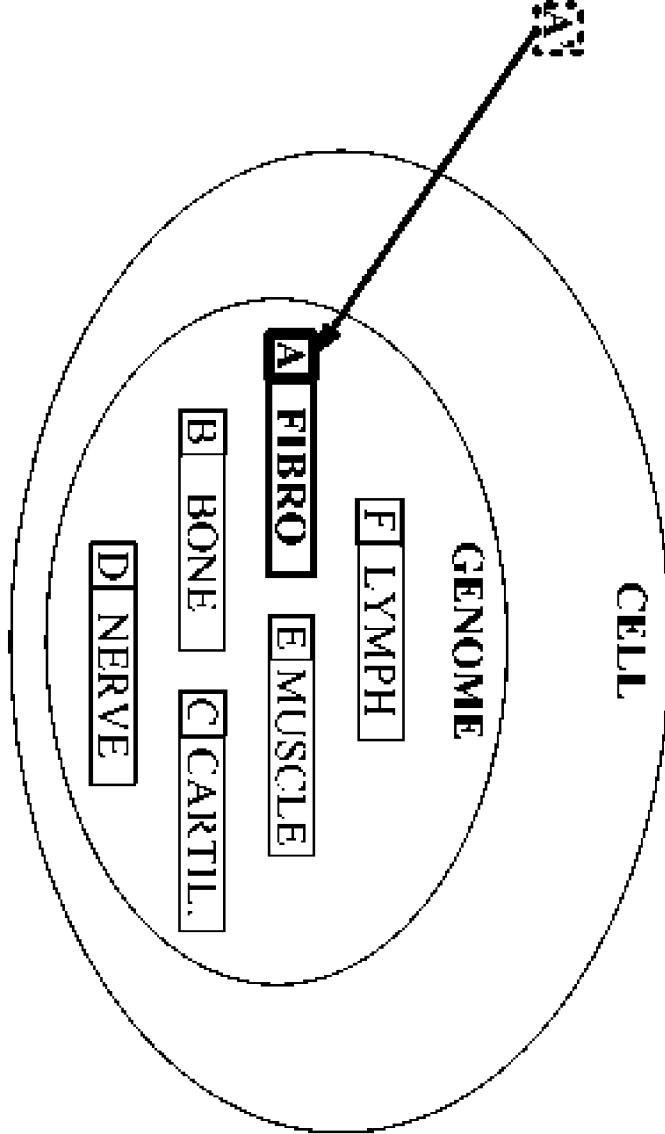


FIG. 5B

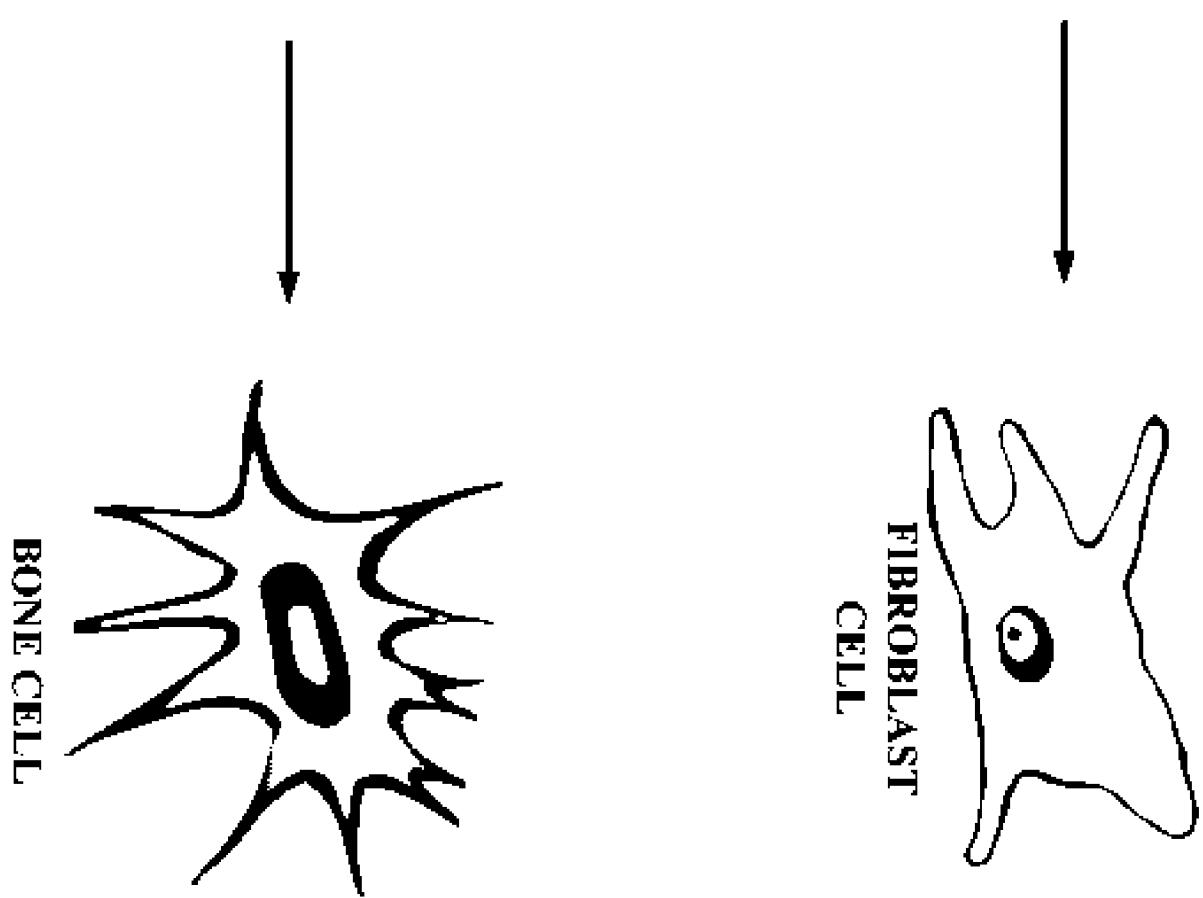
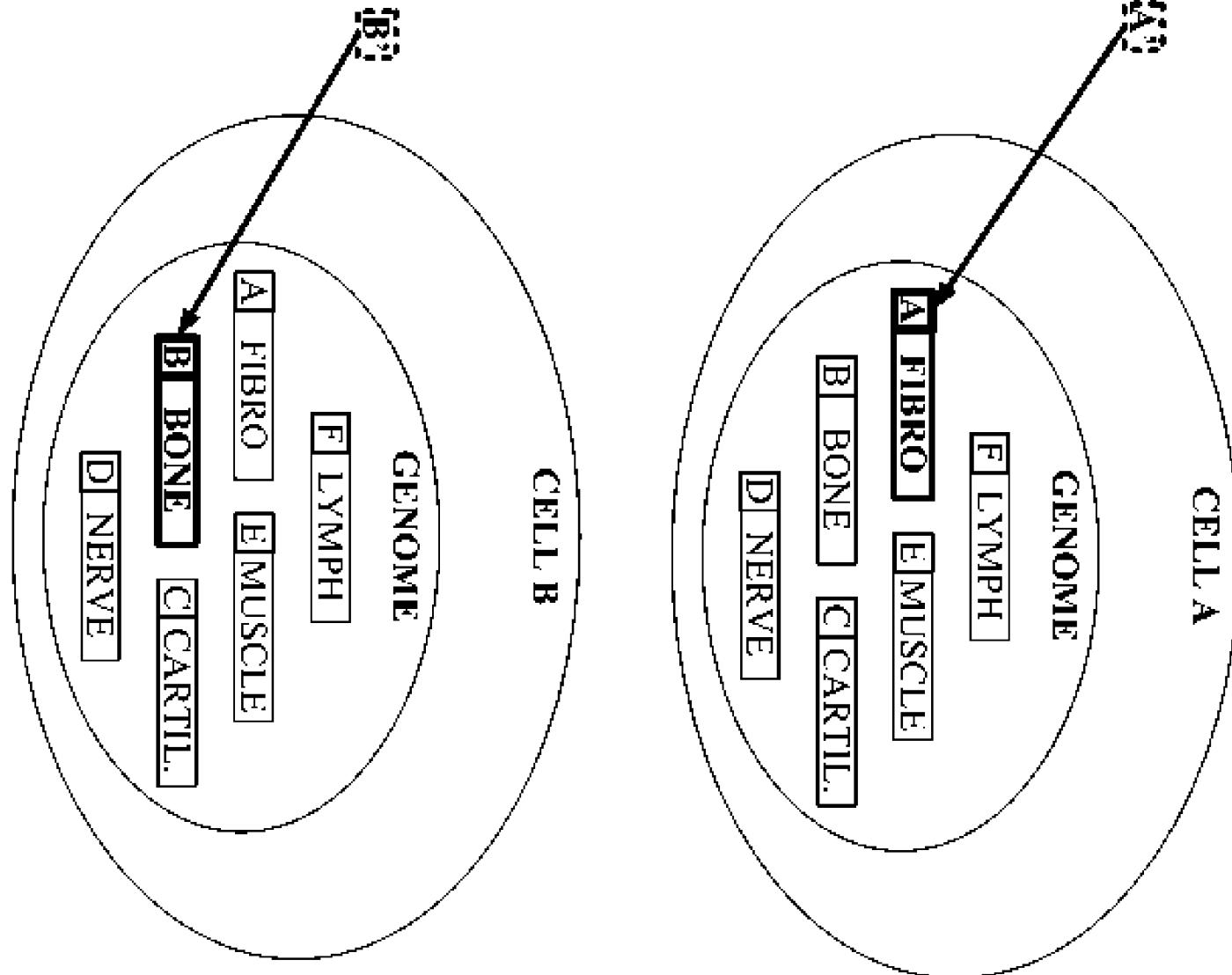


FIG. 6

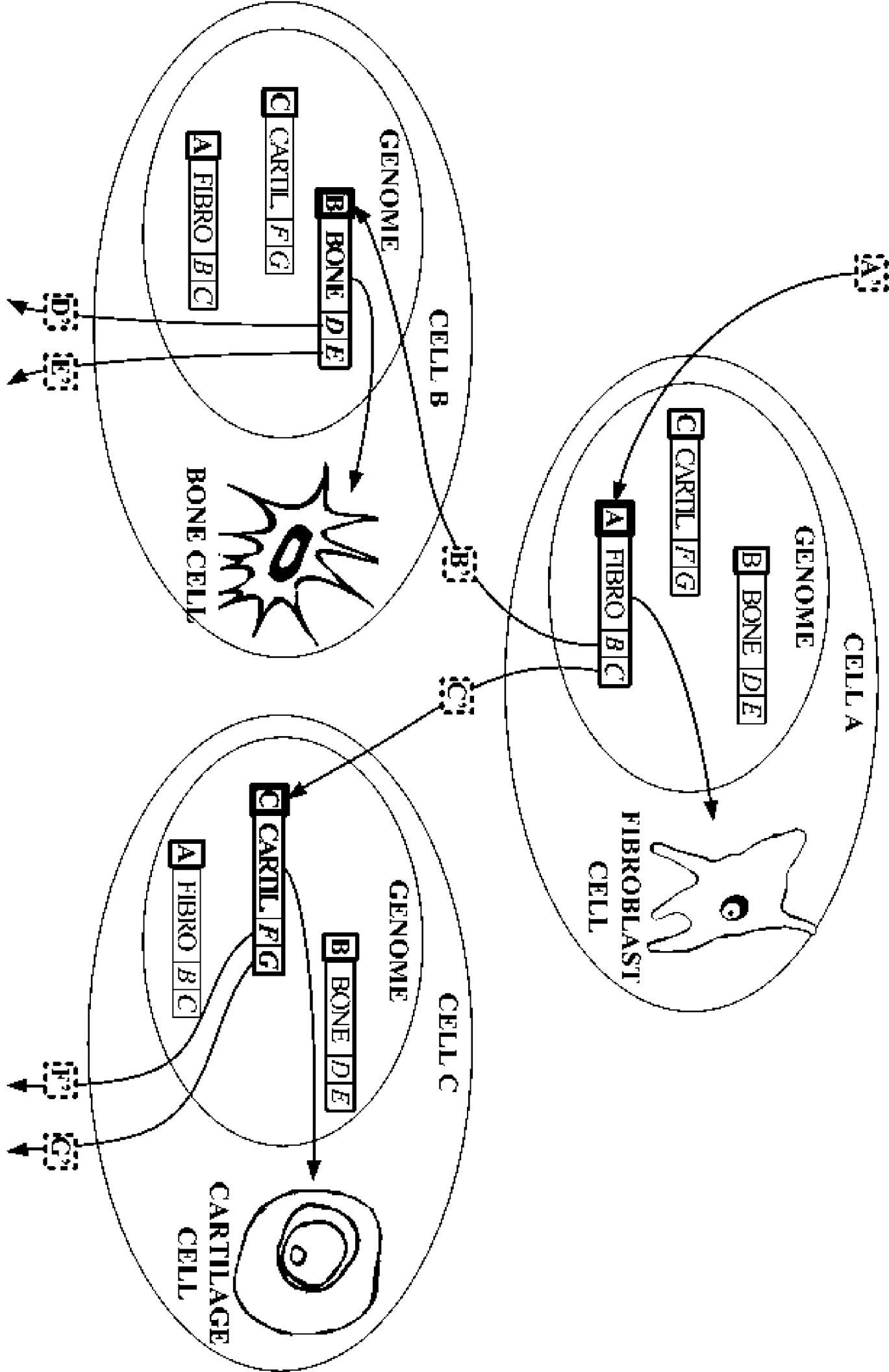


FIG. 7

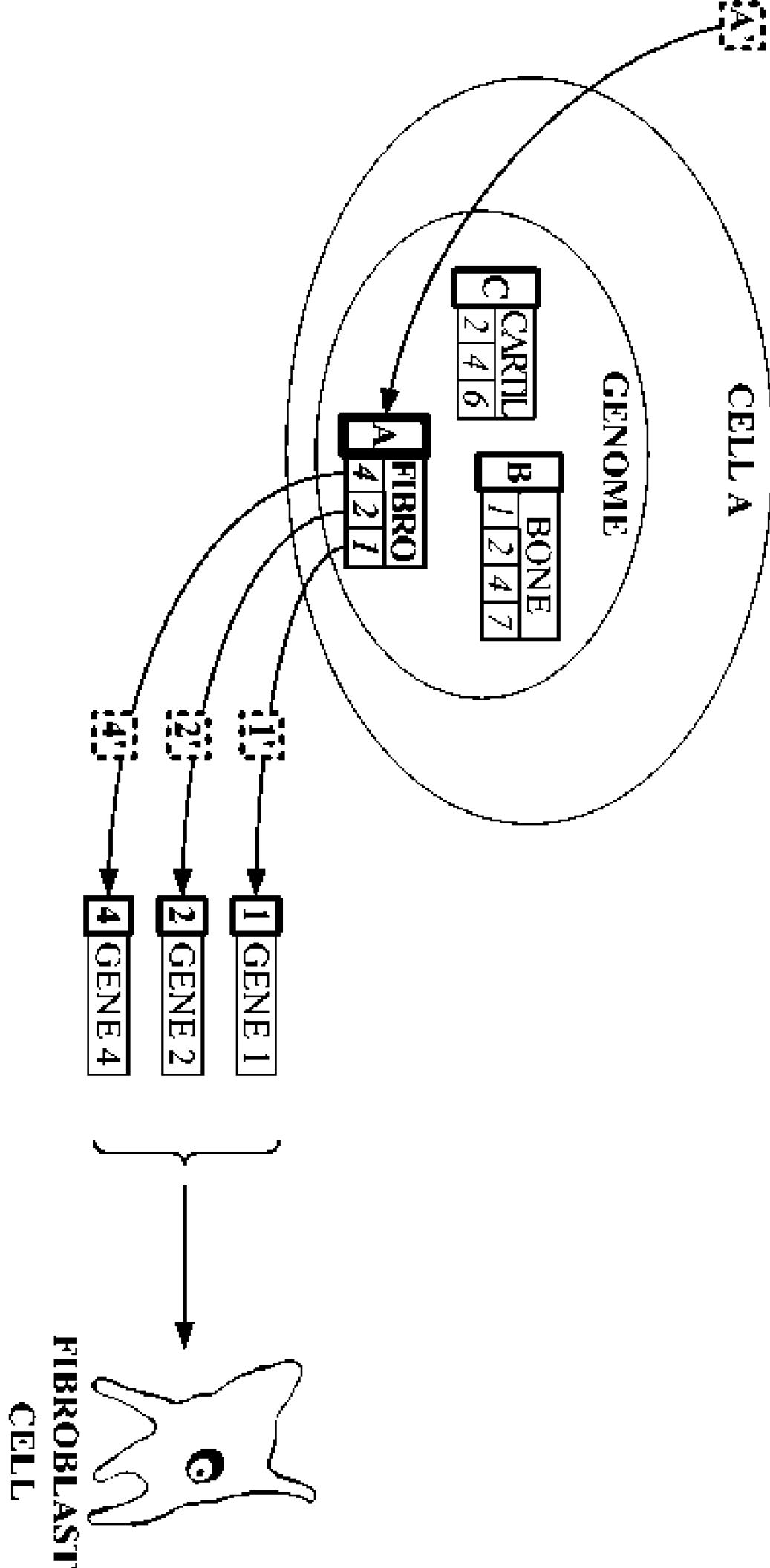
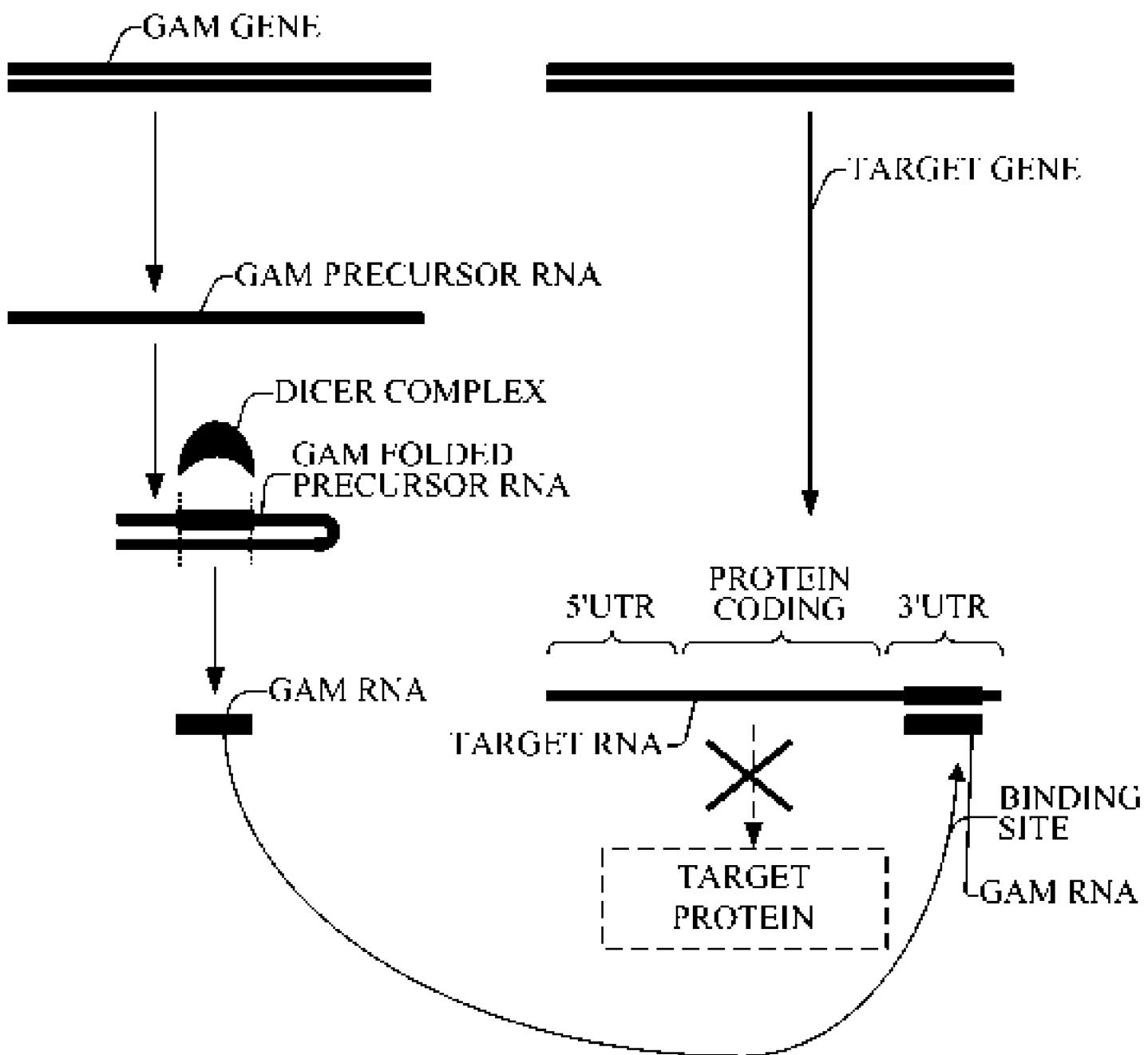
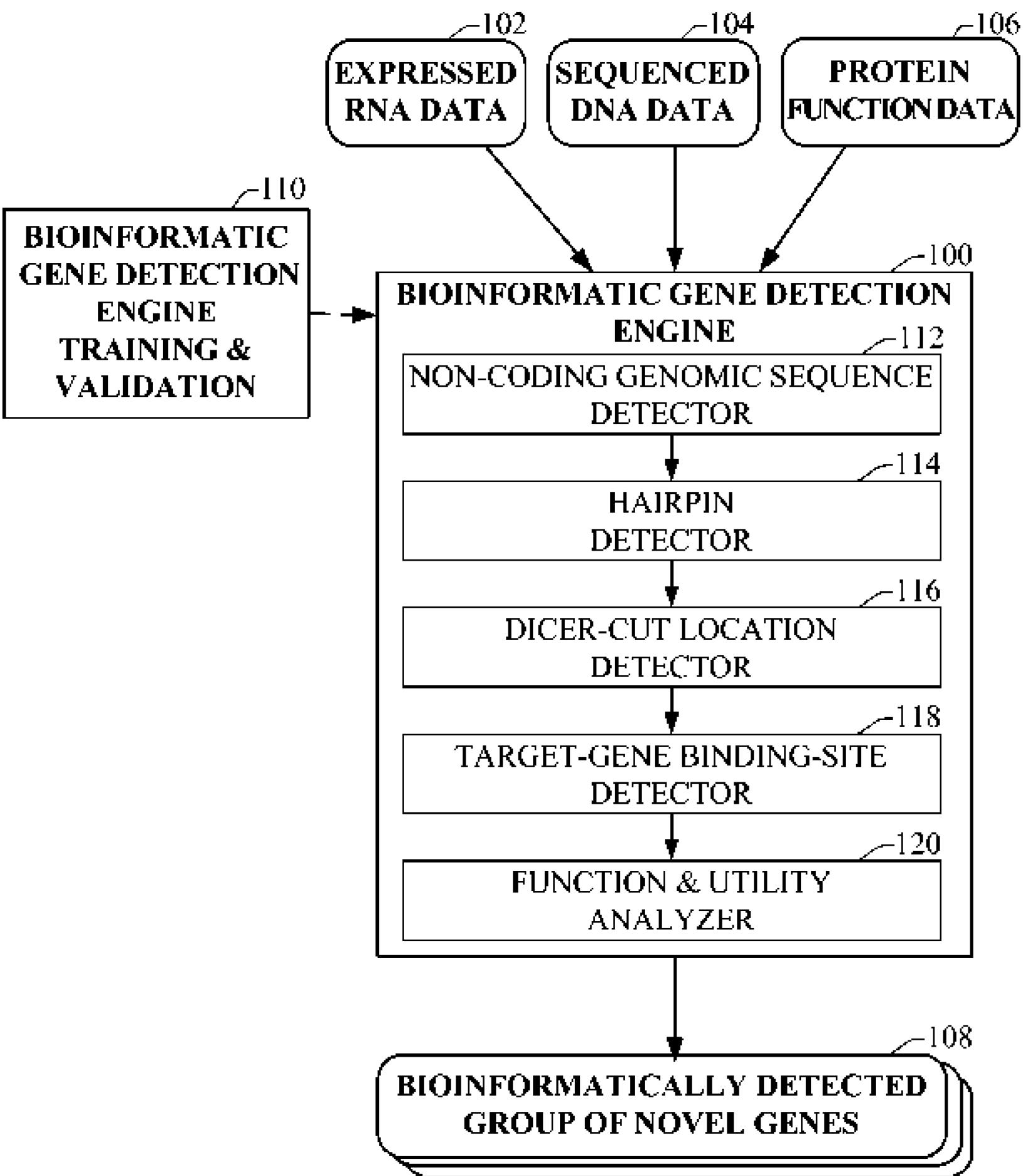


FIG. 8



**FIG. 9**



**FIG. 10**

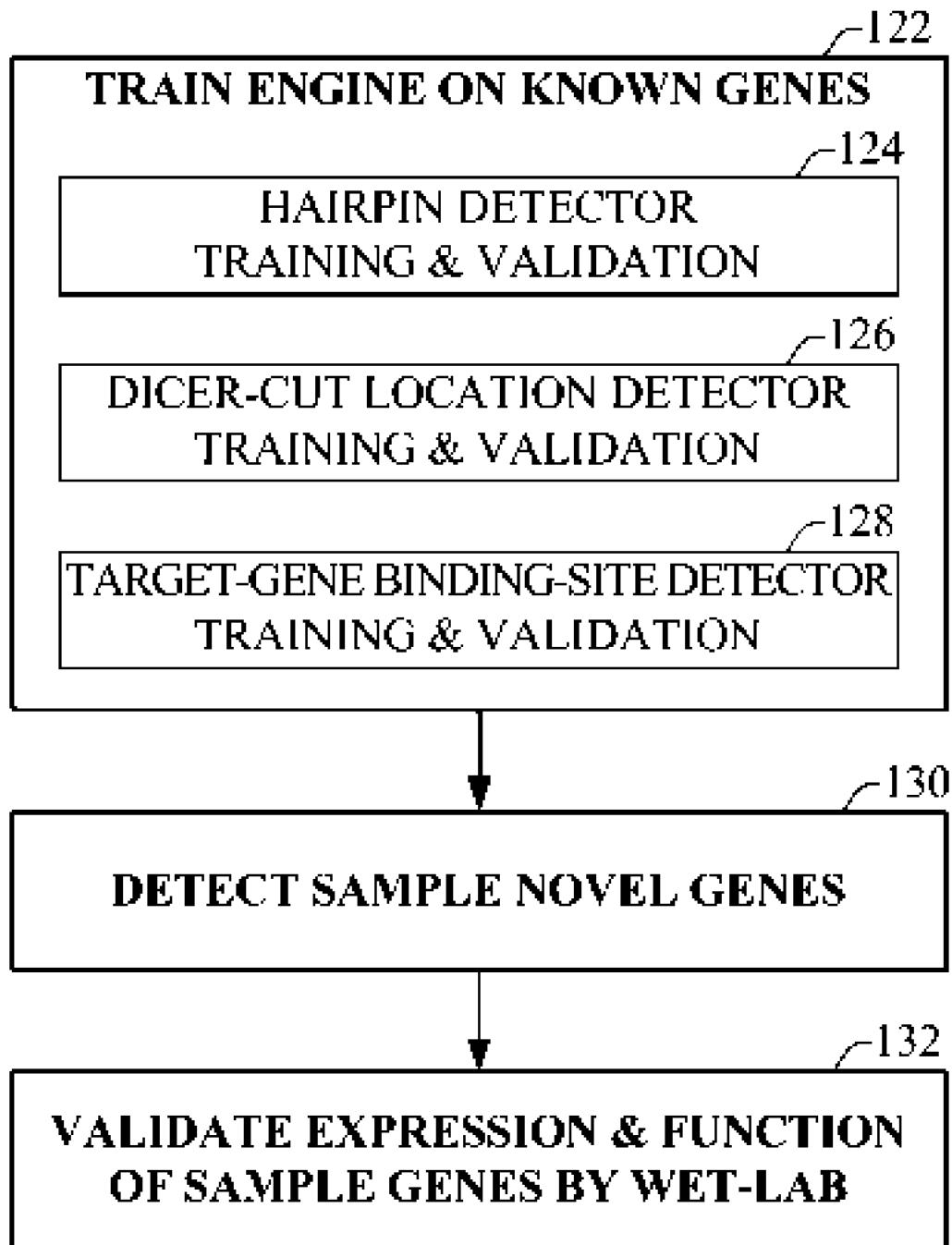


FIG. II A

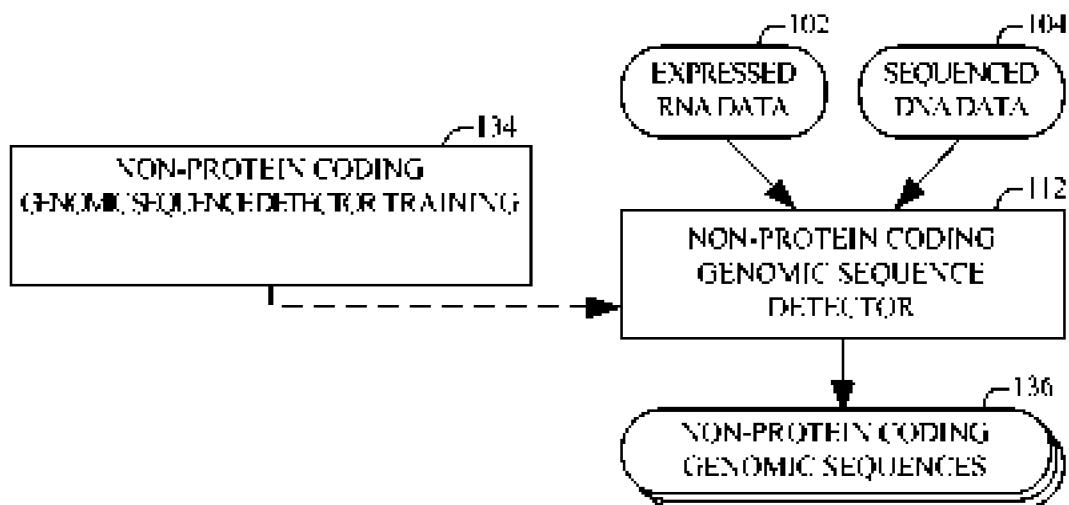
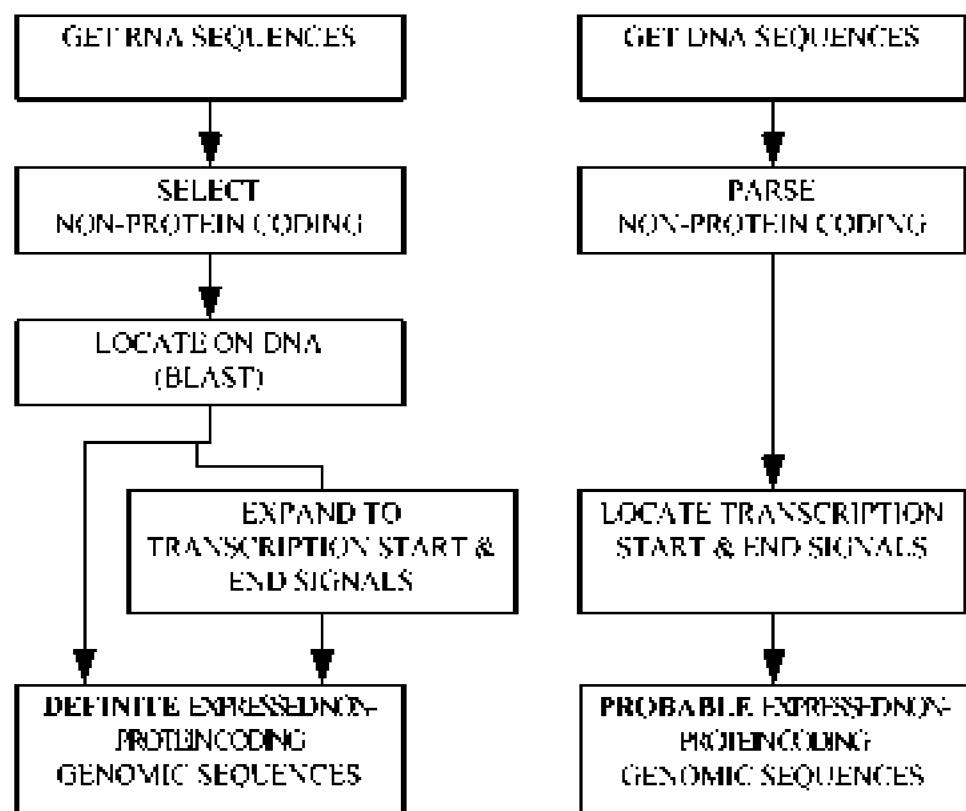
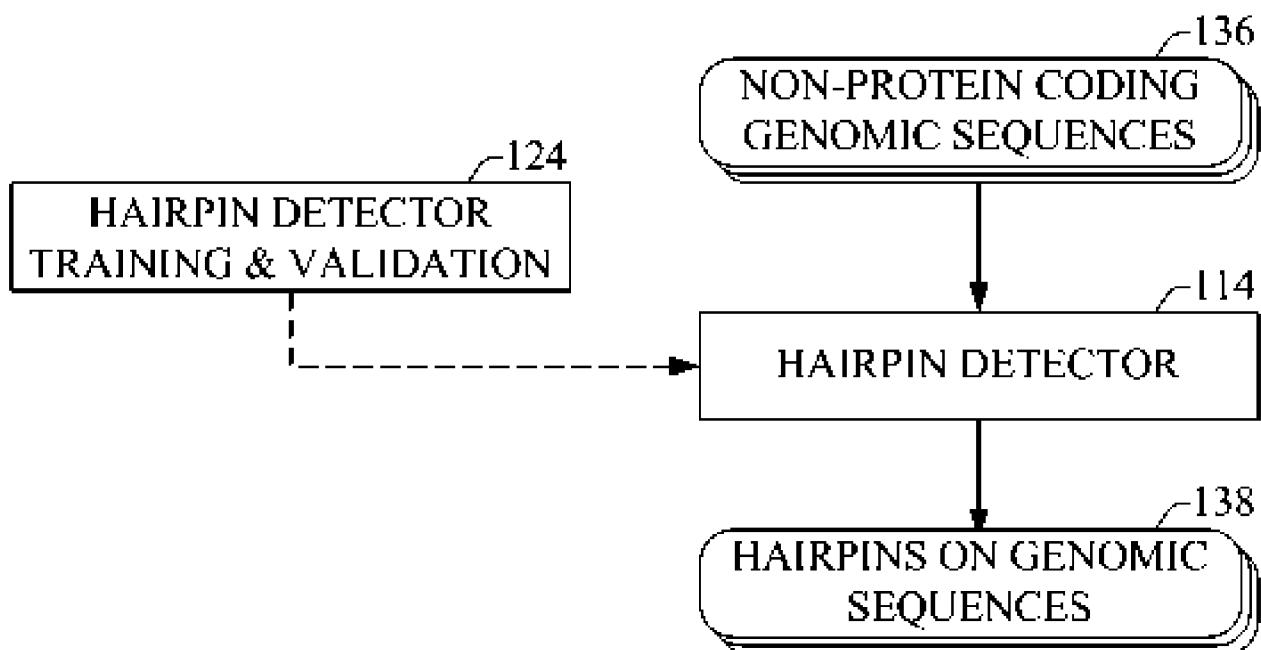


FIG. II B



**FIG. 12A**



**FIG. 12B**

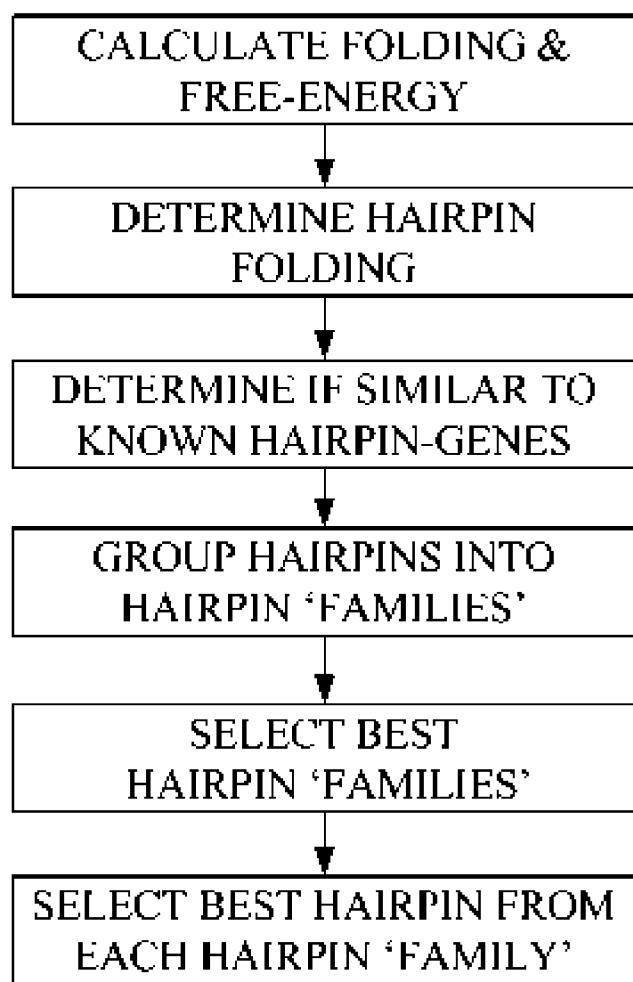


FIG. 13A

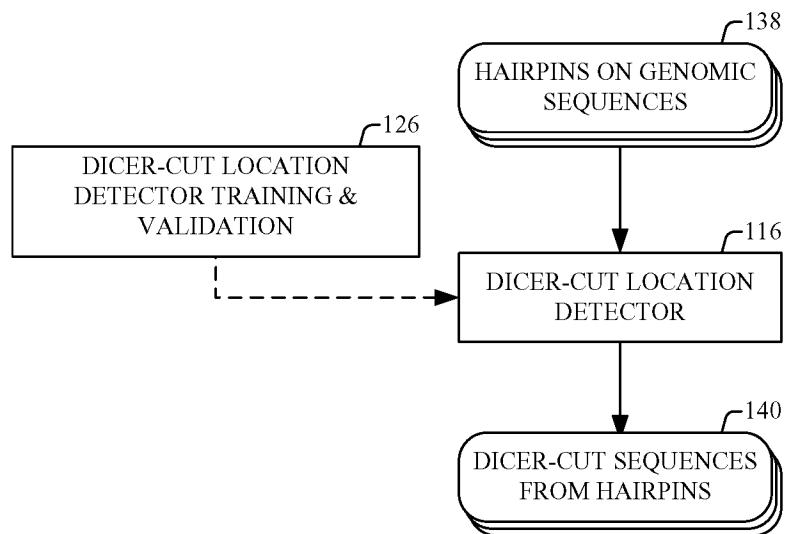
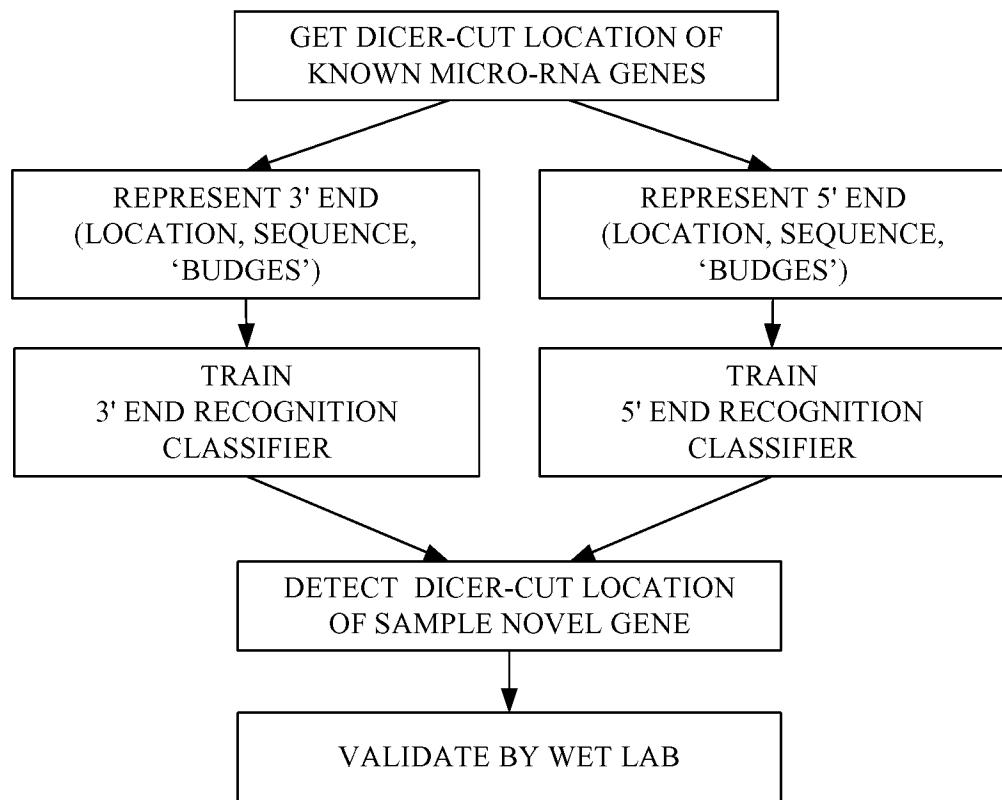
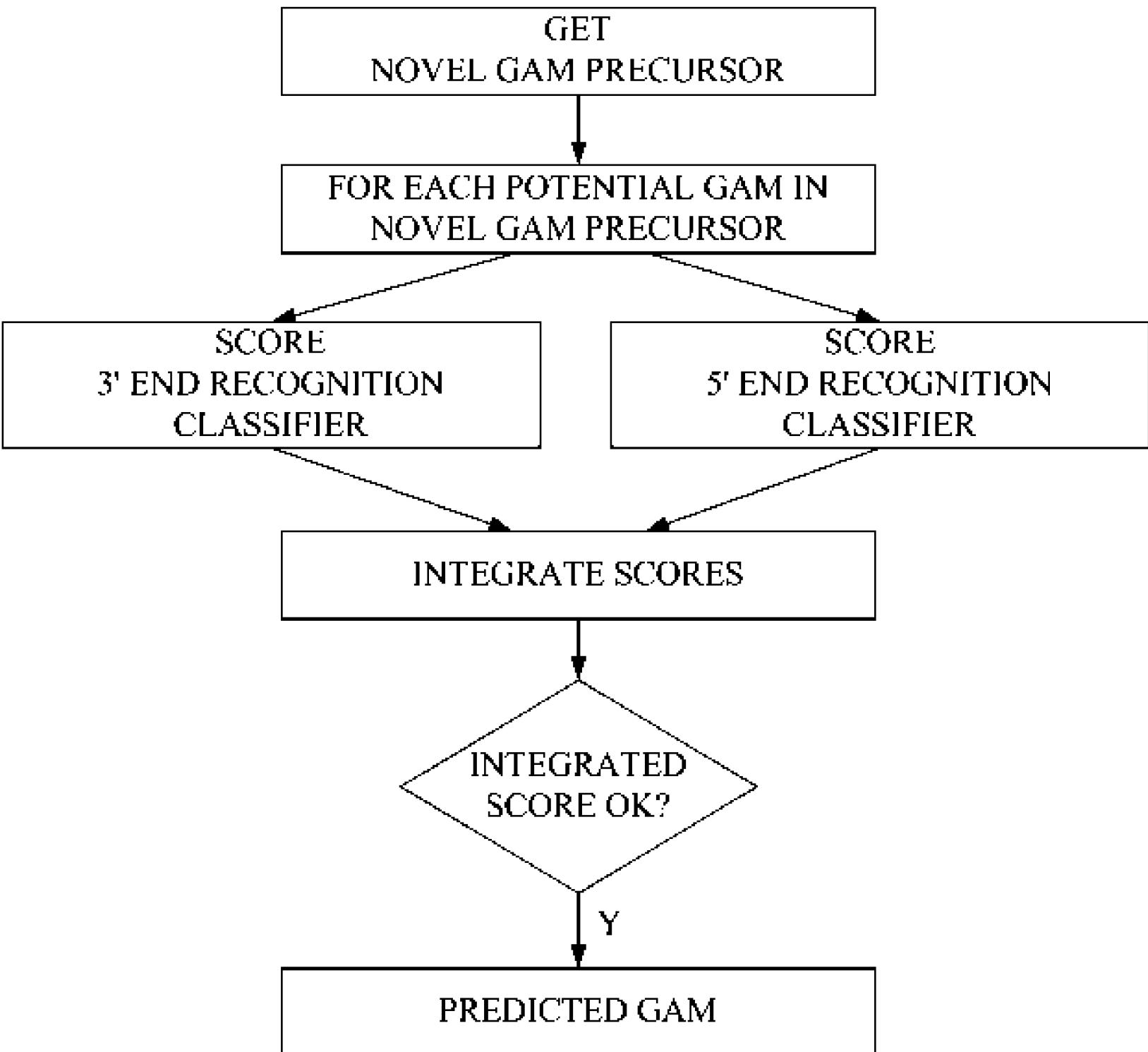


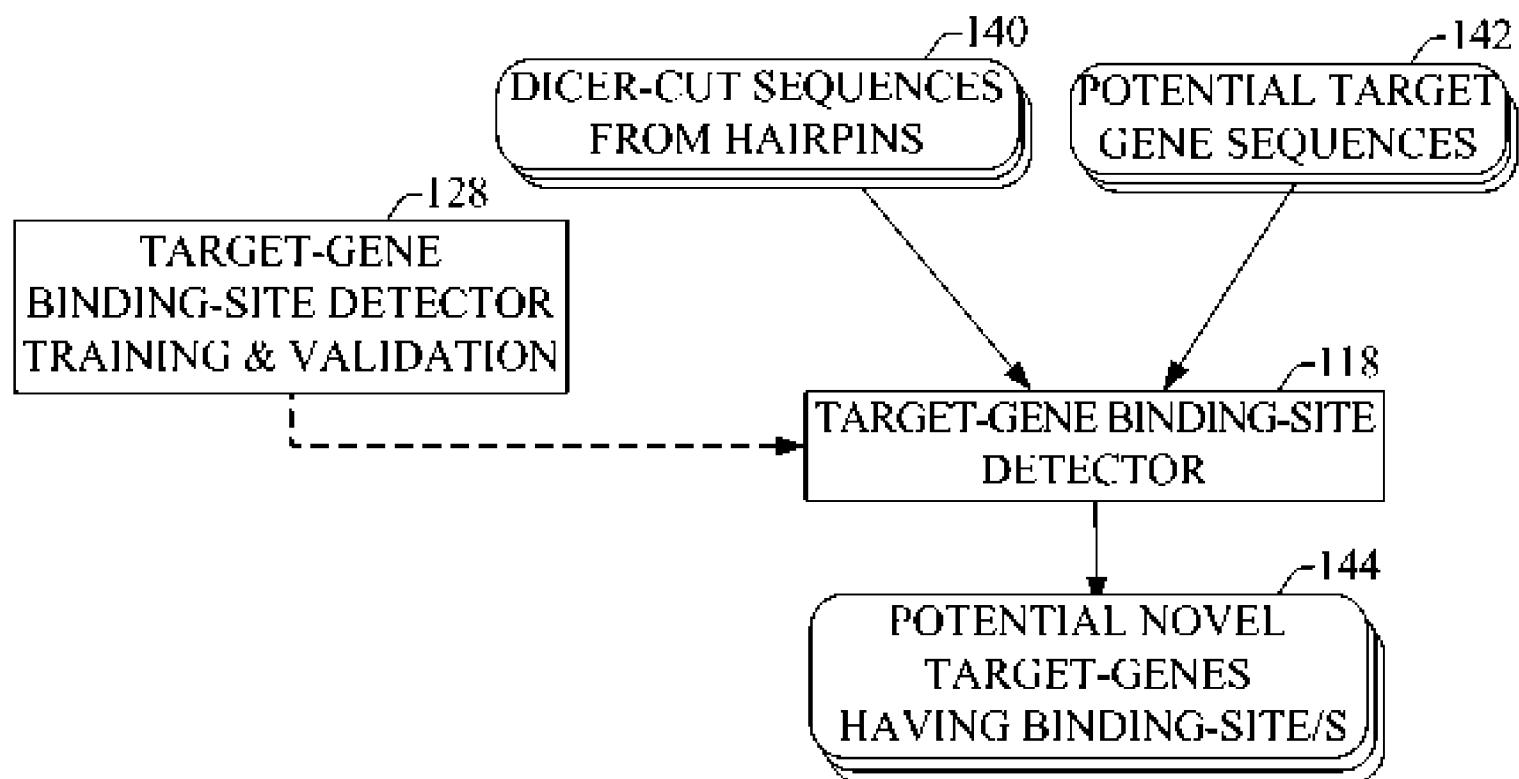
FIG. 13B



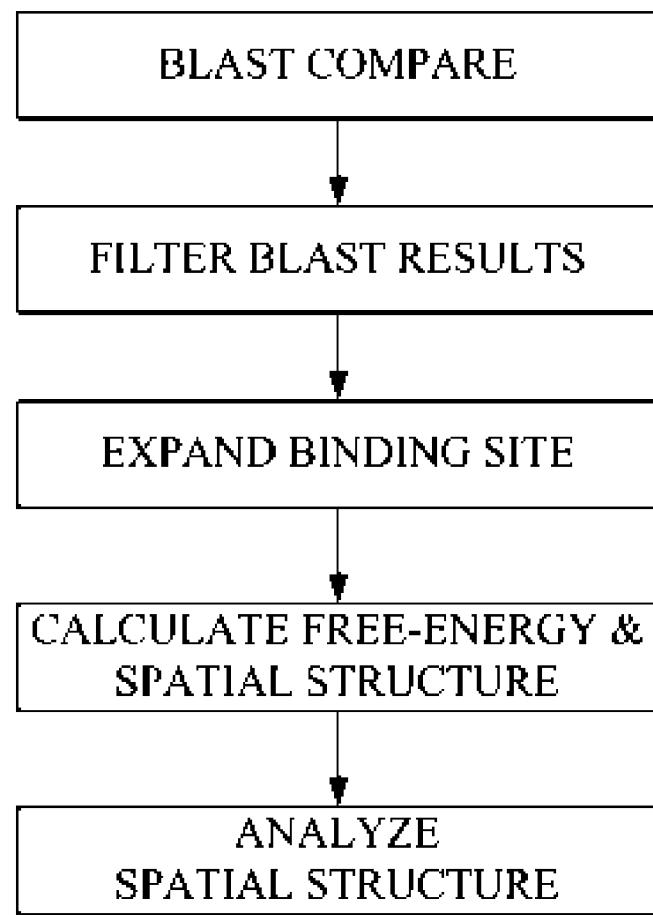
**FIG. 13C**



**FIG. 14A**



**FIG. 14B**



**FIG. 15**

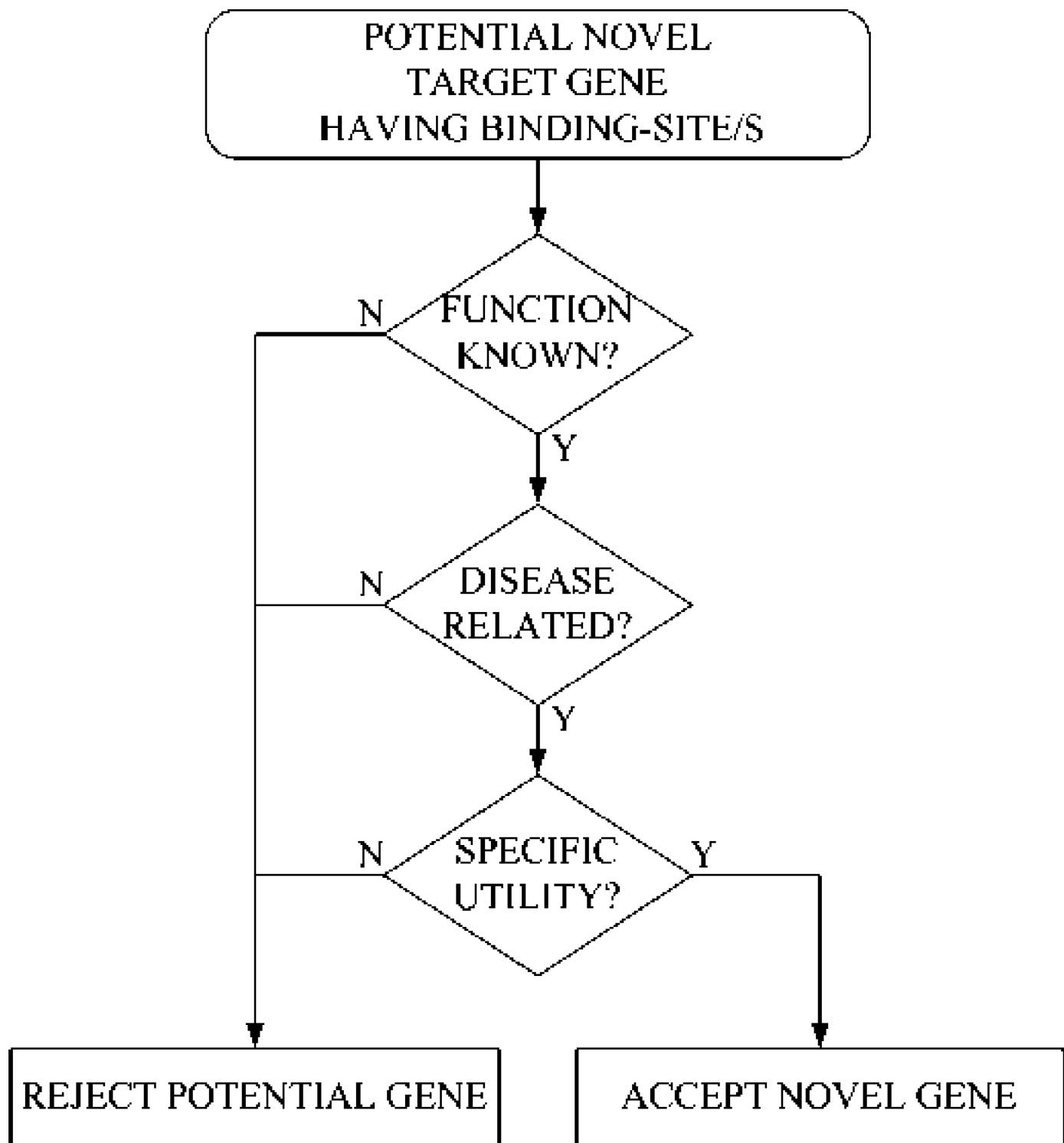


FIG. 16

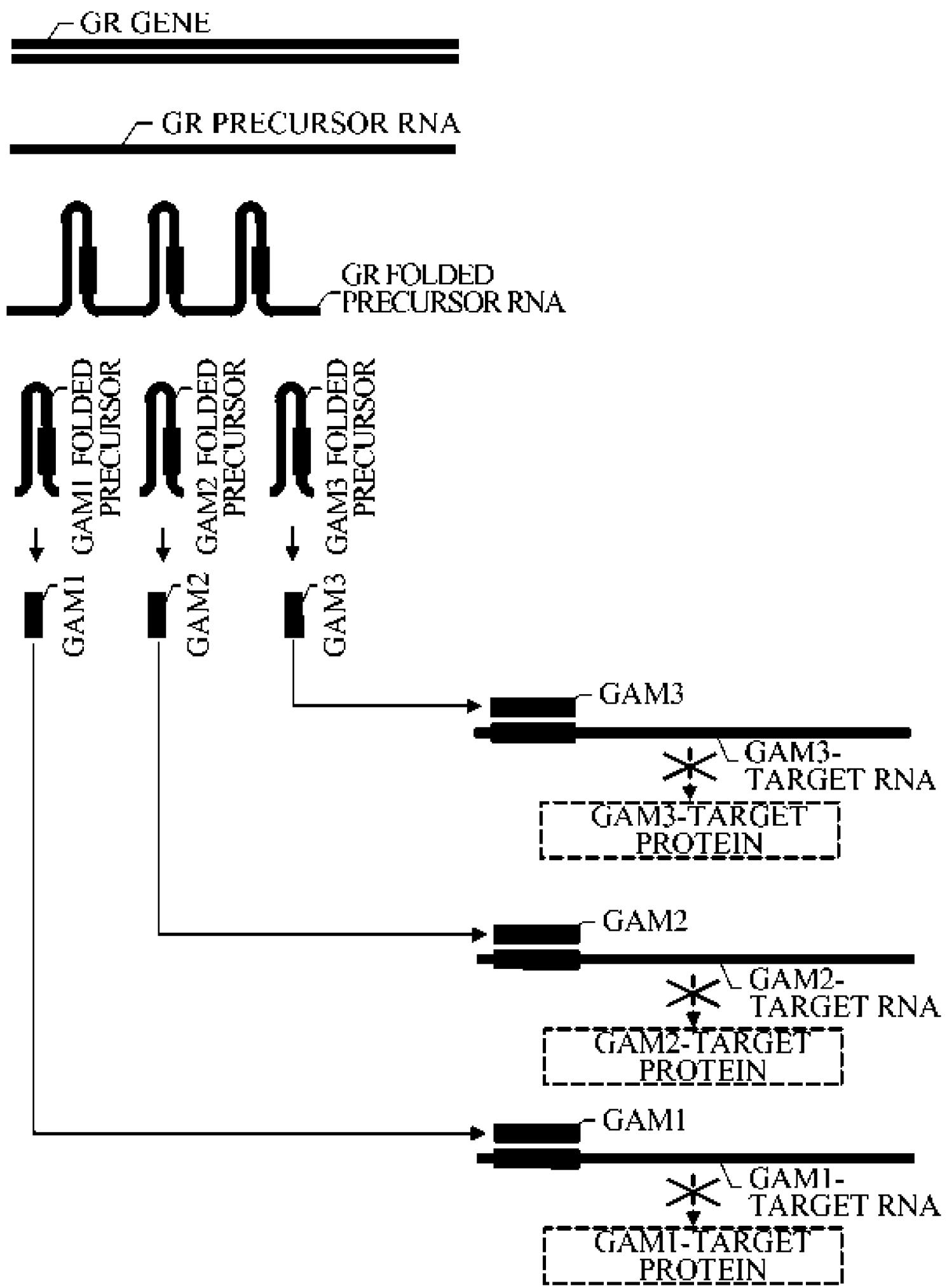
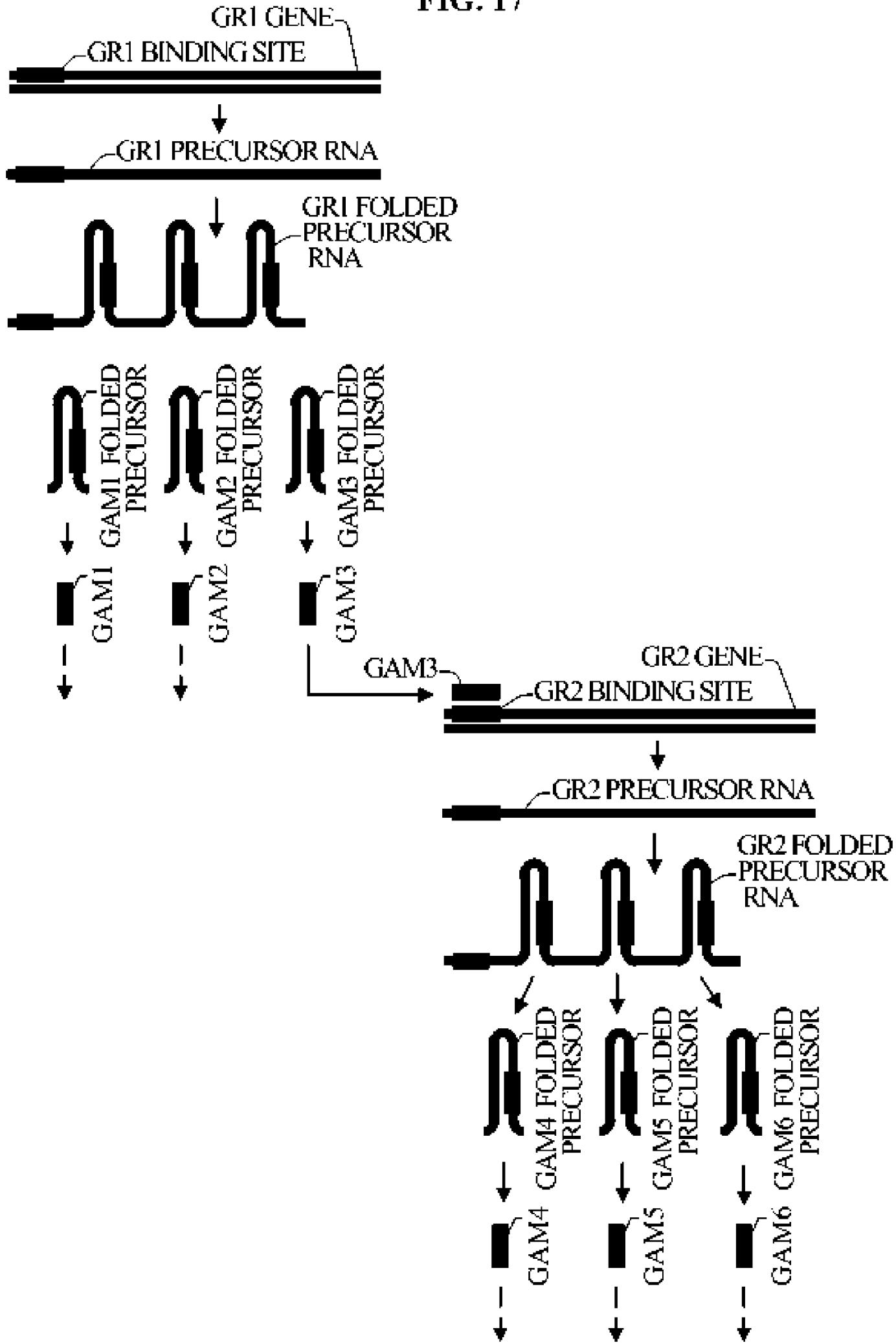


FIG. 17



**FIG. 18**

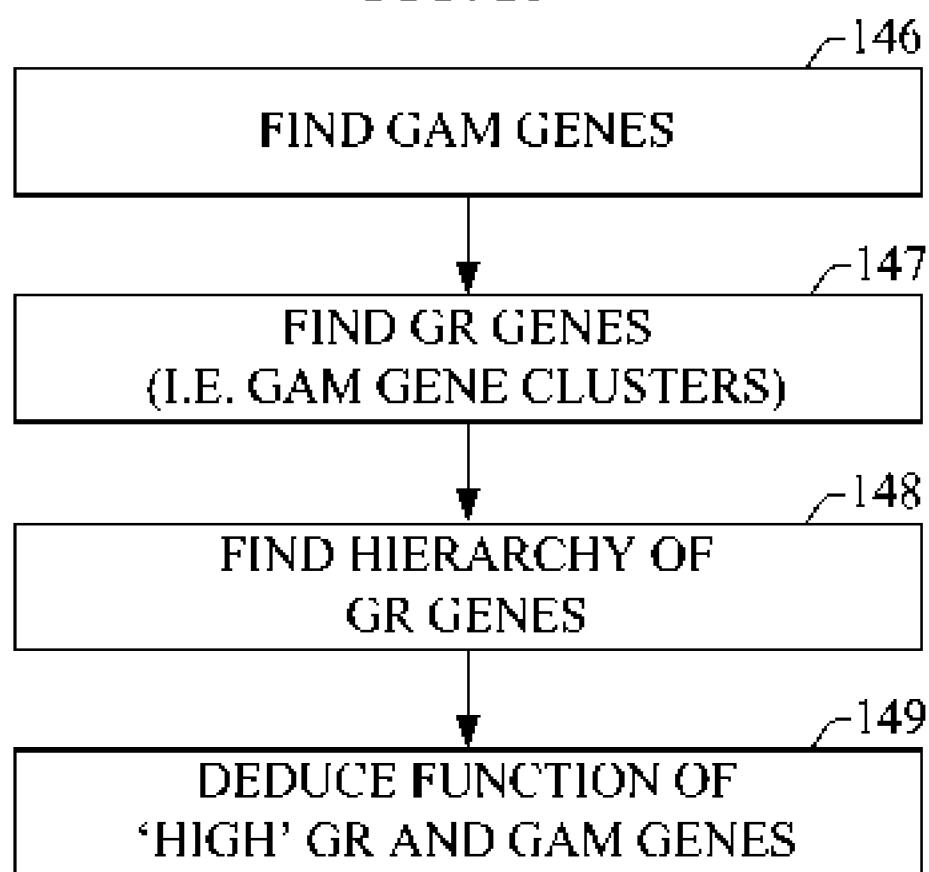


FIG. 19

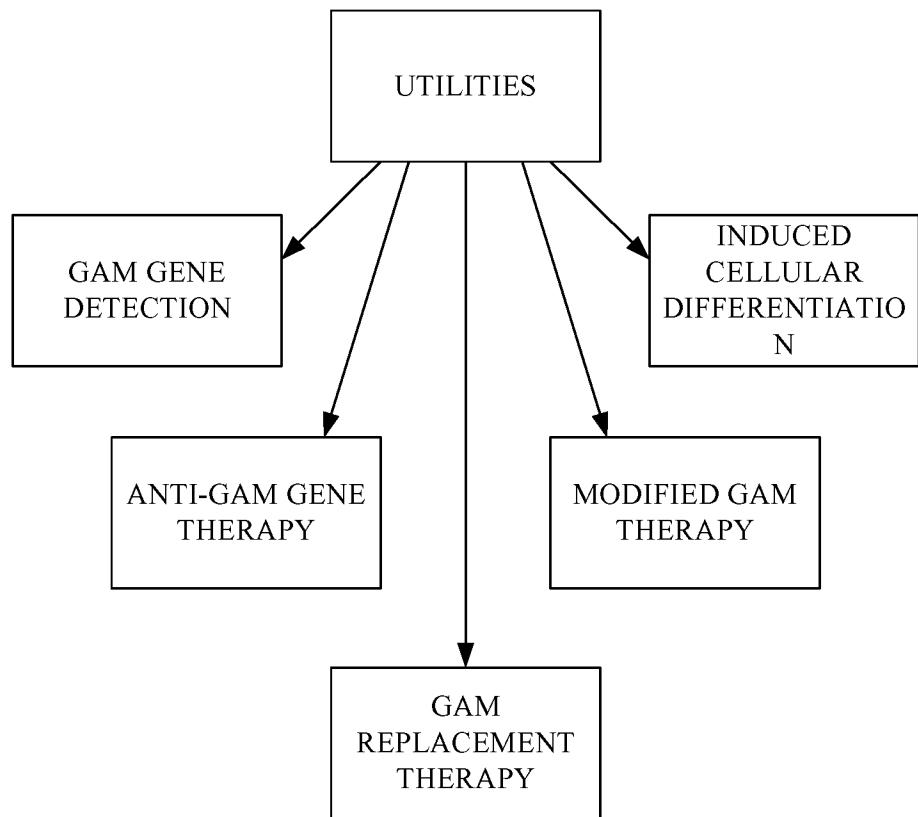


FIG. 20A

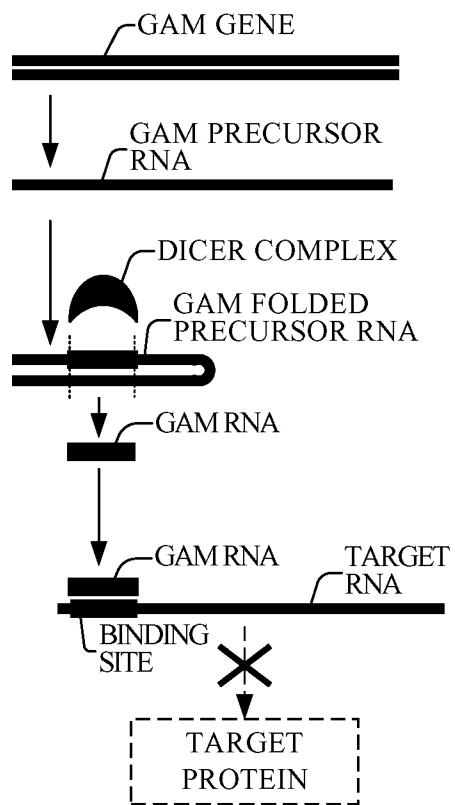
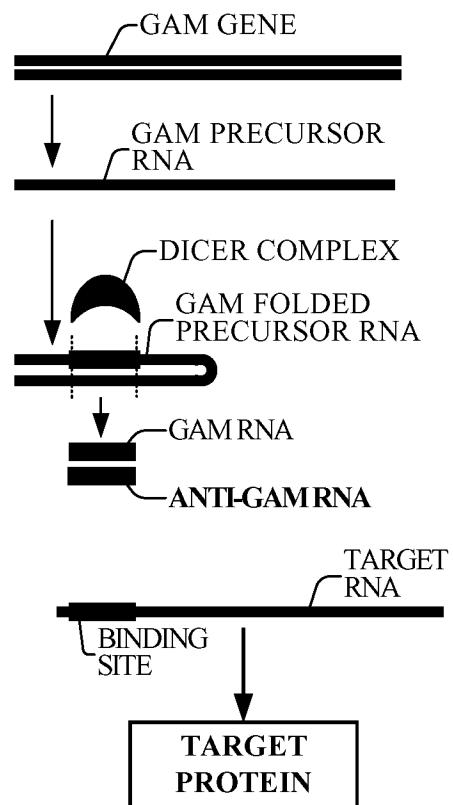


FIG. 20B



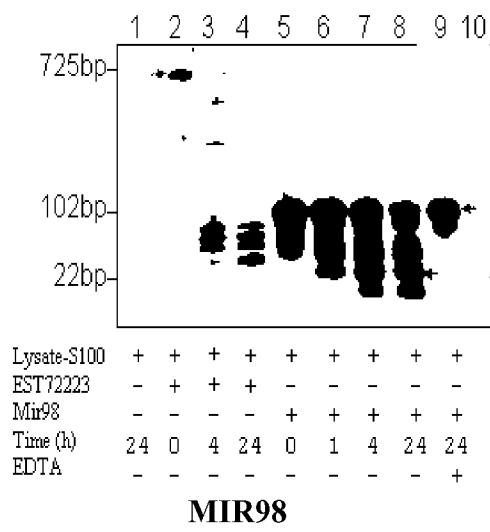
EST72223 sequence:

**FIG. 21A**

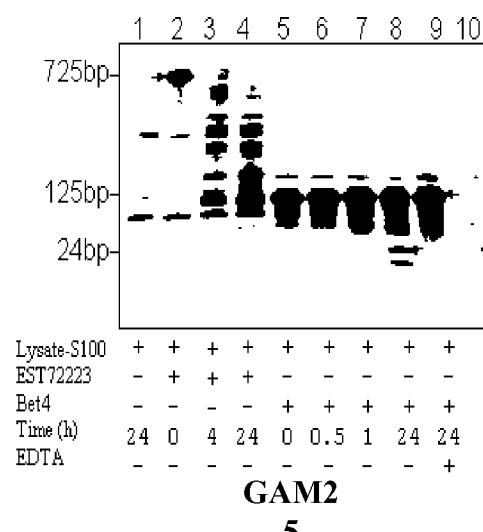
CCCTTATTAGAGGATTCTGCTCATGCCAGG **GTGAGGTAGTAAGTTGTATTG**  
**TTGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACAAC** MIR98  
**TACTACTTTCCCTGGTGTGGCATATTACACTTAGTCTTAGCAGTGTG**  
**CCATCAGACAAAGTTGTAGATGTCCTGGATAATTGGACTGGAAGAAAAGA**  
**GACATGGAAGGGGACAGATGGTGTAGGTGAGGCAGATGTCATTATAAAGT**  
**GACTTGCTTCTTCAATTAGGAGCATATAATTATTTACCTTGGGCATGAAC**  
**TCATTTGCTATTCTCAACTGTGTAATGATTGCATTTATTAGTAATAGAACAGGA**  
**ATGTGTGCAAGGAAATGAAAGCATACTTTAAGAATTGGGCCAGGCGCGGT**  
**GGTCATGCCTGTAATCCCAGCATTGGGAGGCGAGGGGGTGGATCAC**  
**CTGAGGTAGGAGTTGAGACCAACCTGGCAACACGGCAAACCCCGCCTC**  
**TACTCAAATACAAAATTAGCCAGGCTTGGTACACTGCCCTGTTGGTCCCAGC**  
**TACTCAGGAGGCT**GAGGCAGGAGAATTGCTGAACCCAGGAAGTGGAG****  
**GCTTCAGT**GAGCTGAGAACACGCCACTGCAC**CCAGTCCTGGCAAC**  
**AGAGCAAGACTCTGTCAGGAAAAAAAAG**

5

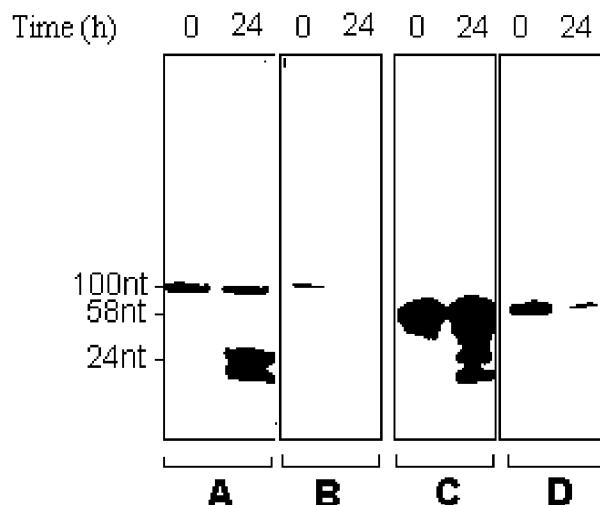
**FIG. 21B**



**FIG. 21C**



**FIG. 21D**

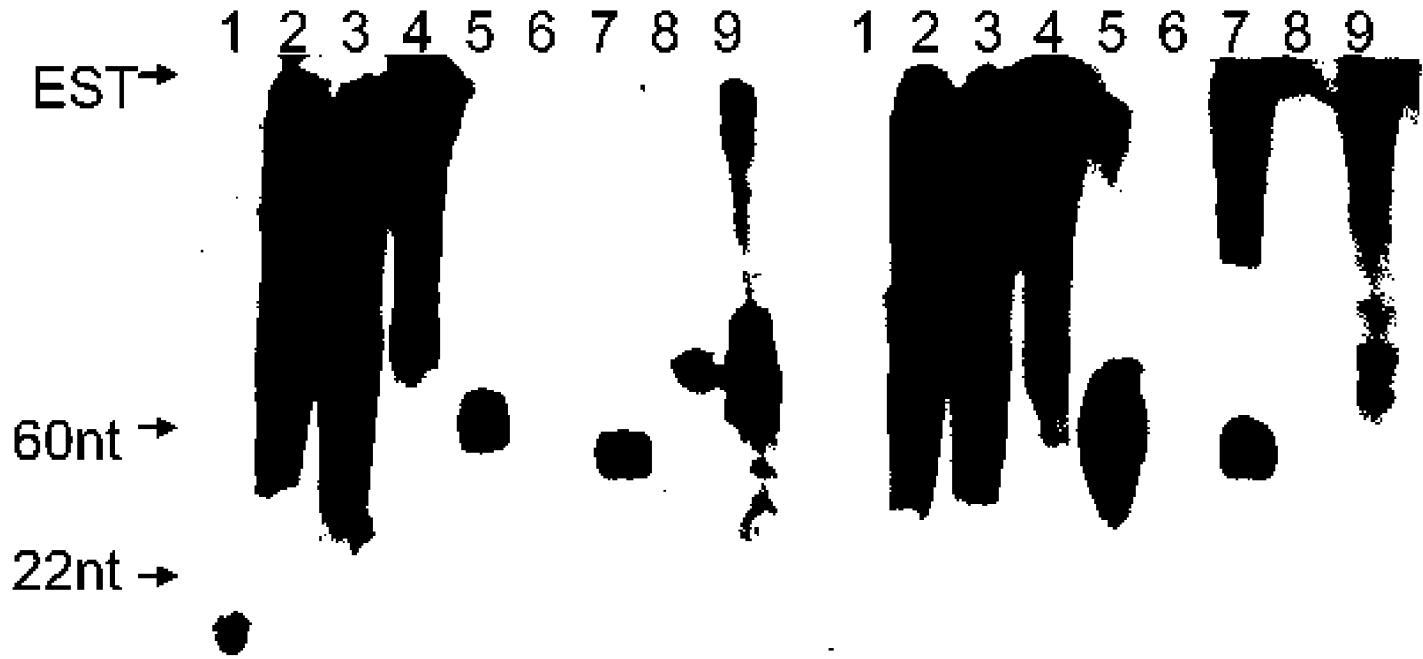


# FIG. 22A

*dbEST Id. 7929020 (Image4514344) sequence:*

CCAAAAAACTCCAACCATTCCCTTTCAAAACTCCCACACACACACCCATGCCCTCTCTCAC  
CGCTCCTATTCAACATACTCTTCCAACCTCTCGCCACGCCAATTAGCCAGCACAACCAA  
ATAAACGCTATTCAATTAGAAAACACCAACTCAAATCTTCTCTTGCAGATCACAT  
CATTGTATATCTACAAAACCCCATTCTCTCACCCCCAAATCTCCTAACCTGATAACCA  
ACTTCAGCAAAGTCTCACCATAAAAATAATCTACAAAATCACAAACCATTCTTACAC  
ACCAACAAACACAAAAACAGACCCAAATCATCACTCAACTCCCATTACAATTCTTCAA  
ACAGAATAAAAATACCTACCAACTTACAAGCCATGTAAGGACCTCTCAACGAG  
AACTACAAACCCTCCTCAACGAAATAAAACACCATACAAACAAATCGAACACATTCC  
ATCCTCATGGCTACCAAGAAATCAATATTCTGAAAATGCCATACTCCCCAAGCTAATT  
ACAGATTCAATGCCATCCCCATCAAGCTACCAATCACTTCTTCACACAATTGCAAAAAA  
ACTACTTAAAGTTCATATCCAACCAAAAAAGACGCCCATCCCCAACTCAATCCTAAG  
**CCAAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAACTTTACTACAAGGCTA** GAM24  
CACTAACCAAAACACCATTCTACTCCTACCAAAACACACATATACTCAATGCAACACA  
ACACACCCCTCACAAATAACCCCCAATACCTACAACTATCTGATCTTCACAAACCTCA  
CAAAAACAAGCAATCCGAAAGCATTCCCTATTAAATAATGCTCTGGAAAAGCTGAC  
TACCCATATGTACAAAGCTCAAACCTGGATCCCTCCTACACCTTACACAAATCAAT  
TCAACATCCATTAAACATTAAACCTTACACCTAAAACCATAAAAACCTACAAACAAAA  
CCTAGCCATTACCATTCAACATACCCATGCCAAGCAGCTCATCTCCAAAACACCAA  
AACCAATGCCAACAAAACACAAAATTGACAAATGCCATCTAATTAAACTAAAGACCTTC  
TGCACAGCAAAACAAACTACCAT**CAGAGTGAACAGGCAACCTACAAATGGGAGAAAAT** GAM26  
**TTTCGCAACCTACTCATCTGA** CAAAGGGCTAATATCCAGAATCTACAATGAACCTCAAAC  
AAATTACAAAAAAAGAAAAAA

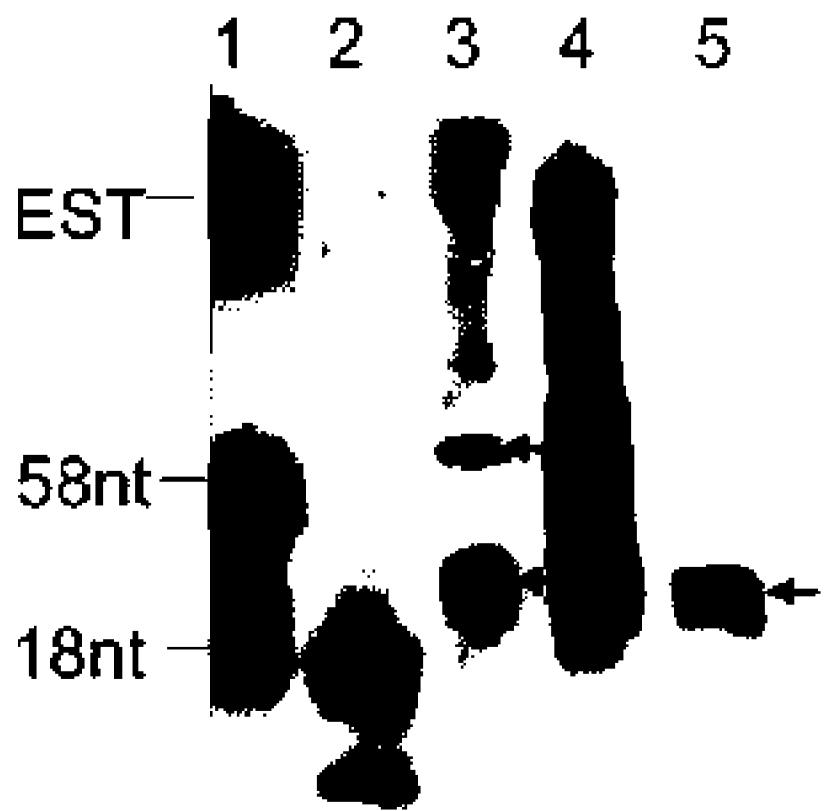
# FIG. 22B



**GAM26**

**GAM24**

**FIG. 22C**



**GAM26**

### FIG. 23A

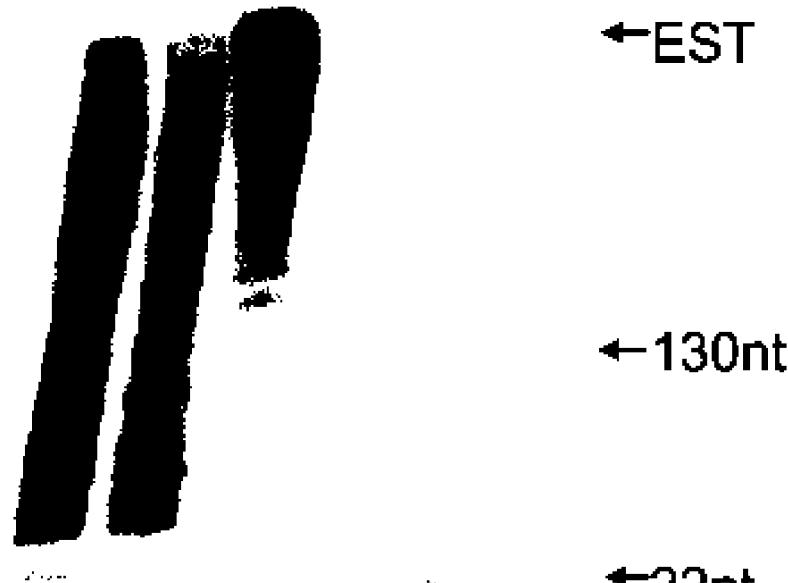
**dbEST Id. 1388749 (Image1020185) Sequence:**

ACTCCTATCAACAGTGTAAAAGCATTCTGTTCTCCATAATCTTGCAGCATCTTT  
CATTTTTTGATTATAGCCATTCTGACTGTTGTGAGATGGTGTCTCATTGGGTTTT  
GATTTGCATTCTCAGATGATCAGTGTGAAGTTTTGTTGGCTGCATG  
TATGCCCTCTTTGAAAAGTGTCTGTTGTCTTGCACCTTCTAATGGGGTTG  
AGTTTTTTCTTGTAAATTGTTAAGTCTTGTAGATGCTGGATATTAGACCTT  
TGTCAAGATGGATAGAGTGCAGAAATTCTCCATTCTGTAGGTTGTCGGTTACTCT  
GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTAGTTAATTAGATCCCATTGTC  
AATTTGGCTTGCAATTGCTTGGCATCTCGTCATGAAATCTTGCCTTG  
CCTGTGTCTGAATGGCATTGCCTAGGTTCTTCCAGGATTATAGTTGGGTT  
GTAGATTAAAGTCTTAATCCATCTGAGTTAACTTTGTATATGGGTTAAGGAAGGG  
GCCCGTTCAATTGCTGCAAATGGCTAGCCAGTCTCCCAGCACCATTATAAATA  
GGGAATCTTTCCCCATTGCTCCTTGTCAAGGTTGTCAAAGATCACATGGTTGTA  
GGTGTGTGGTCTTATTCTGGGTTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC  
TGTACCAACCCTATGCTGTTGGTACCATAGTCTTGTAGAATGTTGAAGCTGGGT  
AGCATTGATGCCTCTAGCTTGTCTTGCTAAGAAATGTCTTGGCTATTGGGCTC  
TTTTGGTCCATATGAATTAAAATAGCTTTCTAGGTCTGTAAAGAATGTGAA  
TAGTAGTTAATGGCCTAGCATTAAATTACAGATTGCCTGGCAGTGTGGTCATT  
TTCACGATATTGATCCCTGTGAGCATATGTTTTCATTTGTTGTGT  
**CATCTGATTCTTGAATAATGGTTATAGTTACCTTGAAAAGGTCCCTCAC**  
**TTTCT**  
**TGTTAGCTGTATTCTAGATATTATACTCTTCTGTGGCAATTGTGAATGGGAGTTAA**  
**TTCATGAGTTTCTCGGCTTGCGTGTGTTGGTGTAGGAATGCTAGTGA**  
**ACTTTGCACATTGATTGTATCCTGAGACTTGTGAAGTTGCTATCAGCTAAGAAGTTT**  
**TGAGCTGAGATGATGGAGTTCTAGATATAAGGATCATATCATCTGCAAACAAAGATA**  
**GTGTTGACTTCCTGTCTCCTATTGAATAGCTTTCTTCTCTTGCCGATTGC**  
**CTTGGTGAGAATTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGCCAA**

**GAM 27**

### FIG. 23B

1 2 3 4 5 6 7



**GAM27**